

**MODIFICATION OF LAND APPLICATION PERMIT
APPENDIX "D" TO PERMIT No. LA-000016-02**

PERMITTE NAME: SENECA FOODS INC., BUHL, IDAHO

EFFECTIVE DATE
OF THIS MODIFICATION: _____, 2005

Complete Description of Modification:

I Schedule A is hereby modified, adding the following conditions:

9. The additional 193 acreage (75 acres adjoining the western boundary of Miller farm (MU-001607) and 118 acres adjoining the southern boundary of Kaster farm (MU-001605)) is permitted for wastewater-land treatment during the growing season, according to the limits set forth in the table below. No limit in this table shall be exceeded.

Site Loading Limits ¹	Proposed New Acreage
Acres	193
WW ² Loading – Total (ac-in/ac-yr)	Up to IWR ³
WW NVDS ⁴ Loading (lb/ac-yr)	4,000
COD Loading GS ⁵ (lb/ac-day)	50
Nitrogen Loading (lb/ac-yr)	250

- 1) The values in the table represent maximum limits of various constituents that may be applied.
2) WW= wastewater
3) IWR=Irrigation Water Requirement
4) NVDS=non-volatile dissolved solids; This is a rough measure of inorganic TDS (salts). It may be calculated by subtracting volatile dissolved solids (VDS) from total dissolved solids (TDS) may calculate it. This total includes both wastewater and supplemental irrigation water NVDS.
5) GS=growing season, defined as April 1 through October 31; COD loading limit of 50 lb/ac-day is based on 214 days GS
- a. Buffer zones of 300 feet between above permitted sites and dwellings and 50 feet between areas accessible to public.
- b. Monitoring the new proposed acreage: The facility shall monitor the operation and efficiency of the wastewater land application and report data and calculations as per Schedule B of the current permit and the additional requirements as presented in this modification under item "c" below.
- c. The following is additional required monitoring for the new proposed acreage, and is in addition to the Schedule B requirements.

Item	Parameter	Sampling Frequency	Monitoring Point	Type of Sample
Supplemental water	TDS, VDS	Monthly, when irrigating	Canal or lateral	Grab

II Appendix "A" of the permit is hereby modified as follows:

- 1) The following Environmental Monitoring Location are hereby added

Hydraulic Management Unit:

Serial #	HMU Title	Acres	Description
MU-001609	Paulson	75	Added June 2005
MU-001610	Gomez	118	Added June 2005

Soil Management Unit:

Serial #	Corresponding HMU	Acres	Description
SU-001609	Paulson	75	Added June 2005
SU-001610	Gomez	118	Added June 2005

- 2) The attached site map is hereby added to Appendix "A".

The Department, including its agents, employees and representatives, shall not be liable for any injuries or damages to persons or property resulting from the issuance of this permit modification or the acts or omissions of the permittee in carrying out activities pursuant to this permit modification. The permittee shall hold harmless and indemnify the Department with respect to any and all claims or causes of action arising from or on account of activities carried out by the permittee pursuant to this permit modification.

The modification described above and referred to as Appendix "D" is hereby approved. This appendix to the permit is incorporated into and constitutes a part of Permit No. LA-000016-02. This appendix must be attached to the permit. The permit is incomplete and unlawful under the Wastewater-Land Application Permit Regulations without this appendix attached.

Signed,

DOUG HOWARD
TWIN FALLS REGIONAL ADMINSTRATOR
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE